



ESC Speed Passion GT2.1 Prostock ESC

Event: Driver: Chris Bozik (local club racing - testing event IROAR Vinton,IA)

Nation: USA (Small carpet indoor) Date: October 4th 2011

Vehicle: Schumacher Mi4C

Tyres Used: ☒ Rubber ☐ Foam

FDR / Rollout: 8.35 final drive

Off Road

Conditions: ☐ Dry ☒ Wet ☐ DampGrip Level: ☒ Low ☐ Medium ☐ HighTrack Type: ☒ Astro ☐ Grass ☐ Dirt☐ Multi Surface

ESC/Firmware Version: 323STOCK (boost open)

Motor Used: Speed Passion MMM 17.5

Motor Endbell Timing: Red stock full right 20°

Rotor Used: Stock rotor

Battery Used: Speed Power 6200 65C

TRACK INFO

Track Name/Location: IROAR - Vinton, IOWA ☒ Indoor ☐ Outdoor

Track Temp.: Indoor Weather Temp.: Indoor Track Size: 40' x 80'

Grip: LOW ☐ ☐ ☐ ☒ HIGH☐ Asphalt ☐ Concrete ☒ Carpet ☒ Technical ☒ Mixed ☐ Fast

Programmable Items

Programmable Value

Basic Items

	1	2	3	4	5	6	7	8	9
1. Running Mode	Forward Only With Brake ☒	Forward / Reverse With Brake ☐	Forward / Reverse ☐						
2. Drag Brake Force	0% ☐	5% ☐	10% ☒	15% ☐	20% ☐	25% ☐	30% ☐	100% ☐	Custom
3. Low Voltage Cut-Off Threshold	None ☒	2.6V/Cell ☐	2.8V/Cell ☐	3.0V/Cell ☐	3.2V/Cell ☐	3.4V/Cell ☐	Custom		
4. DRRS mode	Smooth Level 1 ☐	Smooth Level 2 ☐	Normal Level 3 ☐	Normal Level 4 ☐	Normal Level 5 ☐	Progressive Level 6 ☐	Progressive Level 7 ☐	Agressive Level 8 ☒	Agressive Level 9 ☐

Advanced Items

5. Maximum Brake Force	12.5% ☐	25% ☐	37.5% ☐	50% ☐	62.5% ☐	75% ☒	87.5% ☐	100% ☐	
6. Maximum Reverse Force	25% ☒	50% ☐	75% ☐	100% ☐					
7. Initial Brake Force	= Drag Brake Force ☐	0% ☒	20% ☐	40% ☐					
8. Neutral Range (Dead Band)	6%(Narrow) ☒	9%(Normal) ☐	12%(Wide) ☐						
9. Boost Timing	Custom 0° to 64° with the trim step of 1° (110323stock) 30				Custom 0° to 16° with the trim step of 1° (110119mod) 				
10. Turbo Slope Rate	3°/0.1s ☒	6°/0.1s ☐	12°/0.1s ☐	18°/0.1s ☐	24°/0.1s ☐	30°/0.1s ☐			
11. Over Heat Protection	95°C ☐	Non-Protection ☒							
12. Turbo Timing	Custom 0° to 40° with the trim step of 1° (110323stock) None				Custom 0° to 20° with the trim step of 1° (110119mod) 				
13. Boost Start RPM	Custom 1000 to 15000 RPM with the trim step of 1000 RPM 2000 RPM								
14. Turbo Delay	0s ☐	0.1s ☒	0.2s ☐	0.3s ☐	0.4s ☐	0.5s ☐	0.6s ☐	0.7s ☐	0.8s ☐
15. Boost Timing Acceleration	Custom 50 to 750 RPM/Deg, with the trim step of 50 RPM/Deg 350 RPM / Deg								

NOTE: Temps 175* after main. It is fast, still pulling on the end of the straight but no one could touch it in the infield. No one could match it in either place. They were trying all day but never got close. Good small carpet setting for boost 17.5.